



Windows PowerShell Get-Help on Cmdlet 'New-AzLocalNetworkGateway'

PS:\>Get-HELP New-AzLocalNetworkGateway -Full

WARNING: The names of some imported commands from the module 'Microsoft.Azure.PowerShell.Cmdlets.Network' include unapproved verbs that might make them less discoverable.

To find the commands with unapproved verbs, run the Import-Module command again with the Verbose parameter. For a list of approved verbs, type Get-Verb.

NAME

New-AzLocalNetworkGateway

SYNOPSIS

Creates a Local Network Gateway

SYNTAX

```
New-AzLocalNetworkGateway [-AddressPrefix <System.String[]>] [-AsJob] [-Asn <System.UInt32>] [-BgpPeeringAddress
<System.String>] [-DefaultProfile
<Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force] [-Fqdn
<System.String>] -Location <System.String> -Name
<System.String> [-PeerWeight <System.Int32>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]
```

New-AzLocalNetworkGateway [-AddressPrefix <System.String[]>] [-AsJob] [-Asn <System.UInt32>] [-BgpPeeringAddress

```

<System.String>] [-DefaultProfile
    <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>] [-Force]
[-GatewayIpAddress <System.String>] -Location <System.String>
    -Name <System.String> [-PeerWeight <System.Int32>] -ResourceGroupName <System.String> [-Tag
<System.Collections.Hashtable>] [-Confirm] [-WhatIf] [<CommonParameters>]

```

DESCRIPTION

The Local Network Gateway is the object representing your VPN device On-Premises. The New-AzLocalNetworkGateway cmdlet creates the object representing your on-prem gateway based on the Name, Resource Group Name, Location, and IP Address of the gateway, as well as the Address Prefix of the On-Premises network which will be connecting to Azure.

PARAMETERS

```
-AddressPrefix <System.String[]>
```

Required?	false
Position?	named
Default value	None
Accept pipeline input?	True (ByPropertyName)
Accept wildcard characters?	false

```
-AsJob <System.Management.Automation.SwitchParameter>
```

Run cmdlet in the background

Required?	false
Position?	named
Default value	False
Accept pipeline input?	False
Accept wildcard characters?	false

-Asn <System.UInt32>

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-BgpPeeringAddress <System.String>

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-DefaultProfile <Microsoft.Azure.Commands.Common.Authentication.Abstractions.Core.IAzureContextContainer>

The credentials, account, tenant, and subscription used for communication with azure.

Required? false
Position? named
Default value None
Accept pipeline input? False
Accept wildcard characters? false

-Force <System.Management.Automation.SwitchParameter>

Forces the command to run without asking for user confirmation.

Required? false
Position? named

Default value False
Accept pipeline input? False
Accept wildcard characters? false

-Fqdn <System.String>

FQDN of local network gateway.

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-GatewayIpAddress <System.String>

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Location <System.String>

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Name <System.String>

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-PeerWeight <System.Int32>

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-ResourceGroupName <System.String>

Specifies the resource group that the local network gateway belongs to.

Required? true
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Tag <System.Collections.Hashtable>

Key-value pairs in the form of a hash table. For example: @{key0="value0";key1=\$null;key2="value2"}

Required? false
Position? named
Default value None
Accept pipeline input? True (ByPropertyName)
Accept wildcard characters? false

-Confirm <System.Management.Automation.SwitchParameter>

Prompts you for confirmation before running the cmdlet.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

-WhatIf <System.Management.Automation.SwitchParameter>

Shows what would happen if the cmdlet runs. The cmdlet is not run.

Required? false

Position? named

Default value False

Accept pipeline input? False

Accept wildcard characters? false

<CommonParameters>

This cmdlet supports the common parameters: Verbose, Debug, ErrorAction, ErrorVariable, WarningAction, WarningVariable, OutBuffer, PipelineVariable, and OutVariable. For more information, see about_CommonParameters (<https://go.microsoft.com/fwlink/?LinkID=113216>).

INPUTS

System.String

System.String[]

System.UInt32

System.Int32

System.Collections.Hashtable

OUTPUTS

Microsoft.Azure.Commands.Network.Models.PSLocalNetworkGateway

NOTES

----- Example 1: Create a Local Network Gateway -----

```
New-AzLocalNetworkGateway -Name myLocalGW -ResourceGroupName myRG -Location "West US"
-GatewayIpAddress 23.99.221.164 -AddressPrefix "10.5.51.0/24"
```

Creates the object of the Local Network Gateway with the name "myLocalGW" within the resource group "myRG" in location "West US" with the IP address "23.99.221.164"

and the address prefix "10.5.51.0/24" on-prem.

RELATED LINKS

Online Version: <https://learn.microsoft.com/powershell/module/az.network/new-azlocalnetworkgateway>

Get-AzLocalNetworkGateway

Remove-AzLocalNetworkGateway

Set-AzLocalNetworkGateway